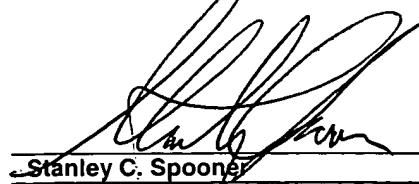


FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 124-1114
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/533433 unknown	
INTERNATIONAL APPLICATION NO. PCT/GB2003/004723	INTERNATIONAL FILING DATE 3 November 2003	PRIORITY DATE CLAIMED 2 November 2002	
TITLE OF INVENTION HOLLOW CORE MULTI-MODE INTERFERENCE OPTICAL DEVICE			
APPLICANT(S) FOR DO/EO/US JENKINS et al.			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The U.S. has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (20 pages specification, claims & abstract (11 claims), 3 sheets drawings). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation). b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <ul style="list-style-type: none"> b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 To 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> a. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> b. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 16. <input type="checkbox"/> A substitute specification. 17. <input type="checkbox"/> A change of power of attorney and/or address letter. 18. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 19. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> Other items or information. 			

JC14 Rec'd PCT/PTO 02 MAY 2005

- U.S. APPLICATION NO. (if known) see 37 C.F.R. 1.5) 107533435			INTERNATIONAL APPLICATION NO. PCT/GB2003/004723			ATTORNEY'S DOCKET NUMBER 124-1114		
21. <input checked="" type="checkbox"/> The following fees are submitted:								
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):								
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00 (1631)/\$150.00 (2631)	\$	300.00				
<input checked="" type="checkbox"/>	b) Examination Fee.....	\$200.00 (1633)/\$100.00 (2633)	\$	200.00				
<input checked="" type="checkbox"/>	c) Search Fee	\$500.00 (1632)/\$250.00 (2632)	\$	500.00				
TOTAL OF ABOVE CALCULATIONS						\$	1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)			RATE			
23 -100	0	/50 =	0.00		\$0.00 (1681)	\$		
						\$0.00 (2681)		
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).								
\$ 130.00								
CLAIMS NUMBER FILED # EXTRA RATE								
Total Claims		11 minus 20 =	0 X	\$50.00 (1615)/	\$25.00 (2615)	\$		
Independent Claims		4 minus 3 =	1 X	\$200.00 (1614)	\$100.00 (2614)	\$	200.00	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable) \$360.00 (1616)/\$180.00 (2616)								
\$ 0.00								
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254)								
\$ 0.00								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.								
Processing fee of \$130.00 (1618) , for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). + 0.00								
TOTAL NATIONAL FEE = \$ 1330.00								
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property + 0.00								
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453) + 0.00								
TOTAL FEES ENCLOSED = \$ 1330.00								
Amount to be: refunded \$								
Charged \$								
a. <input type="checkbox"/>	A check in the amount of \$1330.00 to cover the above fees is enclosed.							
b. <input type="checkbox"/>	Please charge my Deposit Account No. <u>14-1140</u> in the amount of <u>\$ _____</u> to cover the above fees.							
A duplicate copy of this form is enclosed.								
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>14-1140</u> . A <u>duplicate</u> copy of this form is enclosed.							
d. <input checked="" type="checkbox"/>	CREDIT CARD PAYMENT FORM ATTACHED.							
e. <input checked="" type="checkbox"/>	The entire content of International Application No. PCT/GB2003/004723 and any U.S. and foreign application(s) corresponding thereto, and GB 0225595.8 , referred to in this application is/are hereby incorporated by reference in this application.							
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.								
CORRESPONDENCE ADDRESS								
Direct all correspondence to:								
<input checked="" type="checkbox"/> Customer Number: 23117								
Type Customer Number here								
								
Stanley C. Spooner								
NAME								
27,393								
May 2, 2005								
REGISTRATION NUMBER								
Date								

Telephone: (703) 816-4000
SCS:alb

Type Customer Number here

~~Stanley G. Spooner~~

NAME

27 393

May 2, 2005

Date